

ABSTRACT

The present invention relates to snack pieces having improved structural and geometric shape features that provide increased bulk density and method do make such a snack piece. More particularly, the present invention relates to snack pieces having improved structural and geometric shape features that provide increased bulk density, wherein the snack pieces are oriented in a nested arrangement.

1. A snack piece having a cross-section in the shape of a rectangle with rounded corners, the cross-section having a width and a height, the width being greater than the height, the snack piece having a top surface, a bottom surface, a front surface, a back surface, a left side surface, and a right side surface, the top surface, the bottom surface, the front surface, the back surface, the left side surface, and the right side surface each having a rounded edge, the rounded edge of the top surface being defined by a first curve, the rounded edge of the bottom surface being defined by a second curve, the rounded edge of the front surface being defined by a third curve, the rounded edge of the back surface being defined by a fourth curve, the rounded edge of the left side surface being defined by a fifth curve, and the rounded edge of the right side surface being defined by a sixth curve, the first curve, the second curve, the third curve, the fourth curve, the fifth curve, and the sixth curve each being a portion of a circular arc, the first curve, the second curve, the third curve, the fourth curve, the fifth curve, and the sixth curve each having a radius of curvature, the radius of curvature of the first curve being greater than the radius of curvature of the second curve, the radius of curvature of the third curve being greater than the radius of curvature of the fourth curve, the radius of curvature of the fifth curve being greater than the radius of curvature of the sixth curve, the radius of curvature of the first curve being greater than the radius of curvature of the third curve, the radius of curvature of the second curve being greater than the radius of curvature of the fourth curve, the radius of curvature of the fifth curve being greater than the radius of curvature of the sixth curve, the radius of curvature of the first curve being greater than the radius of curvature of the fifth curve, the radius of curvature of the second curve being greater than the radius of curvature of the second curve, the radius of curvature of the third curve being greater than the radius of curvature of the third curve, the radius of curvature of the fourth curve being greater than the radius of curvature of the fourth curve, the radius of curvature of the fifth curve being greater than the radius of curvature of the fifth curve, and the radius of curvature of the sixth curve being greater than the radius of curvature of the sixth curve.